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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/894,883	06/29/2001	Tetsuya Yamamoto	042933/301654	3464

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EXAMINER

GESESSE, TILAHUN

ART UNIT PAPER NUMBER

2618

DATE MAILED: 10/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/894,883

Applicant(s)

YAMAMOTO, TETSUYA

Examiner

Tilahun B. Gesesse

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 July 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-8 have been considered but are moot in view of the new ground(s) of rejection.

Drawings

2. Figure 3 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Applicant specification in section background of the invention or related prior art, describes that figure 3, as prior art. Therefore, figure 3 should be designated as --Prior Art--.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1 through 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Bruni et al (US 5,327,065).

Claim 1, Bruni teaches a charging system (see figs.1-2 and abstract) comprising

Bruni teaches a charging device which includes a primary side coil (22) and an induction core which penetrates through the primary side coil, (see col.1, 39-45, col.2 lines 31-41 and fig.2)

Bruni teaches a portable equipment (10) which includes a secondary side coil and an insertion portion including an opening and containing the secondary side coil which allows the induction core to pass there through in a manner to penetrate into the secondary side coil (see col.1, lines 46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claim 2. Bruni teaches a charging device for a charging system (see figs. 1-2 and abstract) including

Bruni teaches the charging device which includes a primary side coil and an induction core which penetrates through the primary side coil, (see col.1, 39-45, col.2 lines 31-41 and fig.2).

Bruni teaches a portable equipment (10) which includes a secondary side coil and an insertion portion including an opening which allows the induction core to pass there through in a manner to penetrate into the secondary side coil and comprising said primary side coil and a power feed portion (see col.1, lines 46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claim 3, Bruni teaches a portable equipment comprising an insertion portion (see figs. 1-2) including

Bruni teaches an opening including which an induction core of a charging device penetrates through a primary side coil thereof, (see col.1, 39-45, col.2 lines 31-41 and fig.2).

Bruni teaches a secondary side coil through which the induction core penetrates for performing charging is contained ((see col.1, lines 46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claim 4. A charging system comprising a charging device which includes a primary side coil and a hook-shaped induction core which penetrates through the primary side coil, (see col.1, 39-45, col.2 lines 31-41 and fig.2).

Bruni teaches a portable equipment which includes a secondary side coil said an opening containing a charging arch containing the secondary side coil and which allows the portable equipment to be suspensibly attached to the induction core in a manner to penetrate into the secondary side coil (see col.1, lines 46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claims 5-6. Bruni teaches a charging device for a charging system (see figs. 1-2 and abstract) including the charging device which includes a primary side coil and a hook-shaped induction core which penetrates through the primary side coil said a

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portable equipment which includes a secondary side coil ,(see col.1, 39-45,col.2 lines 31-41 and fig.2).

Bruni teaches an opening containing a charging each containing secondary side coil and is adapted to the susensibly attached to the induction core in a manner to penetrate into the secondary side coil, comprising a power feed portion, said primary side coil, and said hook-shaped induction core,(see col.1, lines46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claim 7, Bruni teaches installing said charging device (see fig.3) .

Bruni teaches passing said induction core through said insertion portion; ,(see col.1, 39-45,col.2 lines 31-41 and fig.2).

Bruni teaches holding said insertion portion and said induction core together for predetermined time period see col.1, lines46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Claim 8, Bruni teaches fixing said charging device onto a plane perpendicular to the ground (the charger is perpendicular to the car, see fig.2).

Bruni teaches passing said induction core through said charging ad holding said portable equipment suspensibly attached to said induction core for a predetermined time period (see col.1, lines46-57 and col.2, lines 44-col.3, line 20 and figs.1-2).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 571-272-7879. The examiner can normally be reached on flexible schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 571-272-7899.

The Central FAX Number is 571-273-8300. For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the Central FAX number, unless an exception applies.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TG

9/28/06


TILAHUN GESESSE
PRIMARY EXAMINER